

To: Strausbaugh, Dan[Strausbaugh.Dan@epa.gov]
Cc: Poulet, Chris[Poulet.Chris@epa.gov]; Elgethun, Kai[Elgethun.Kai@epa.gov]
From: Sudweeks, Scott
Sent: Tue 8/18/2015 7:57:06 PM
Subject: RE: Exposure scenarios

Neglected to add:

Concerns about agricultural use for crop irrigation, livestock.

Drinking water well impact – are wells likely to be contaminated? Can I drink, bathe use my water for garden, etc.

From: Sudweeks, Scott
Sent: Tuesday, August 18, 2015 1:39 PM
To: Strausbaugh, Dan
Cc: Chris Poulet; Elgethun, Kai
Subject: RE: Exposure scenarios

Regarding pathways,

Primary pathway of concern include recreational contact (skin, incidental ingestion) with surface water and sediments. I believe any meaningful dermal contact with sediment is unlikely and can be realistically eliminated since it would wash off in the river environment.

Secondary pathway involved consumption of fish – any concern for metals bioaccumulation and exposure?

From: Sudweeks, Scott
Sent: Tuesday, August 18, 2015 1:03 PM
To: Strausbaugh, Dan
Cc: Chris Poulet
Subject: RE: Exposure scenarios

Yes, however these apply only to my experience with the human health issue as it relates to SW Colorado (i.e. Durango area)

Some concerns/issues I picked up on include:

Have private drinking water wells in vicinity of Animas River?

Any long term health impact from contact with contaminated water or sediment? If I drank some river water or swam in the river, will I get sick?

Are the sampling data reliable?

How did health/environment agencies make decisions and conclusions about health?

Is it OK to fish and consume catch from the Animas?

Why are there heavy metals in the river and are they dangerous?

From: Strausbaugh, Dan
Sent: Tuesday, August 18, 2015 12:40 PM
To: Poulet, Chris; Sudweeks, Scott
Subject: FW: Exposure scenarios
Importance: High

Any chance you have had time today to consider Tina's request?

Dan Strausbaugh, MPH

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From: Forrester, Tina (ATSDR/DCHI/OD) [<mailto:txf5@cdc.gov>]

Sent: Tuesday, August 18, 2015 10:58 AM

To: Strausbaugh, Dan (ATSDR/DCHI/WB); Poulet, Chris (ATSDR/DCHI/WB); Young, Patrick; Rayman, Jamie (ATSDR/DCHI/WB); Vianu, Libby (ATSDR/DCHI/WB); Burgin, Deborah (ATSDR/DCHI/OD)

Subject: Exposure scenarios

Importance: High

All, I need some help in defining the ways people are concerned about, regarding exposures to the gold mine spill. Can you please send me what are the concerns for each area, that we have worked on ASAP? We need this information in order to put the data in the proper context.

Examples would be recreating in the river, drinking water from the river , skin contact with sediments and surface water etc.

Thanks for your help in advance. Tina